

Patent claims

1. Intervertebral disc prosthesis with two cover plates and a prosthesis core (5) which is connected to one of the cover plates (1) by means of connection profiles (8, 8', 14, 14') which are undercut in a complementary manner, characterized in that the connection profiles (8, 8', 14, 14') include at least one pair of profile sections (9, 16) which are symmetrical with respect to the AP direction (10) and are arranged at an angle to one another.
- 15 2. Intervertebral disc prosthesis according to Claim 1, characterized in that the profile sections (9, 16) arranged at an angle to one another run in a substantially straight line.
- 20 3. Intervertebral disc prosthesis according to Claim 1 or 2, characterized in that the profile sections (9, 16) arranged at an angle to one another are arranged on the dorsal side and are held in engagement by means (11, 18) arranged on the ventral side.
- 25 4. Intervertebral disc prosthesis according to Claim 3, characterized in that the profile sections (9, 16) arranged on the dorsal side are provided in addition to a pair of laterally arranged profile sections (7').
- 30 5. Intervertebral disc prosthesis according to Claim 1 or 2, characterized in that the angle (α) between the profile sections (9, 16) arranged at an angle to one another is not greater than 150° .